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(71) Applicant (for all designated States except US): ANGIOMED GMBH & CO. MEDIZINTECHNIK KG [DE/DE]; Wachhausstrasse 6, 76227 Karlsruhe (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): DORN, Jürgen [DE/DE]; Küstriner Weg 2, 68809 Neulussheim (DE).

(74) Agents: HOFFMANN EITLE et al.; Arabellastrasse 4, 81925 München (DE).

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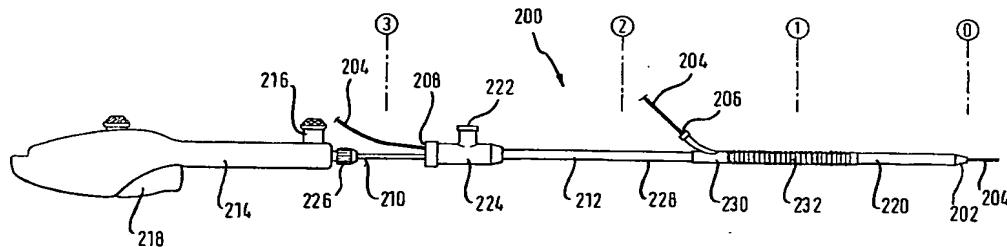
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(54) Title: CATHETER DEVICE



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(57) Abstract: A catheter device having a shaft that extends from a proximal end to a distal end to carry on its distal end a self-expanding implant for intraluminal advance on a guidewire and delivery of the implant to a stenting site by proximal withdrawal of a sheath that lies radially outside the implant in the catheter, the catheter including a first shaft element to pull the sheath proximally and a second shaft element to push the implant distally to prevent the implant moving proximally with the sheath when the sheath is pulled proximally, wherein i) the shaft defines a flushing lumen ii) the shaft defines a proximal guidewire exit port that is distal of the proximal end of the shaft, for rapid exchange of the catheter with respect to the guidewire iii) the first shaft element is a pull wire iv) the second shaft element is a pusher tube.